

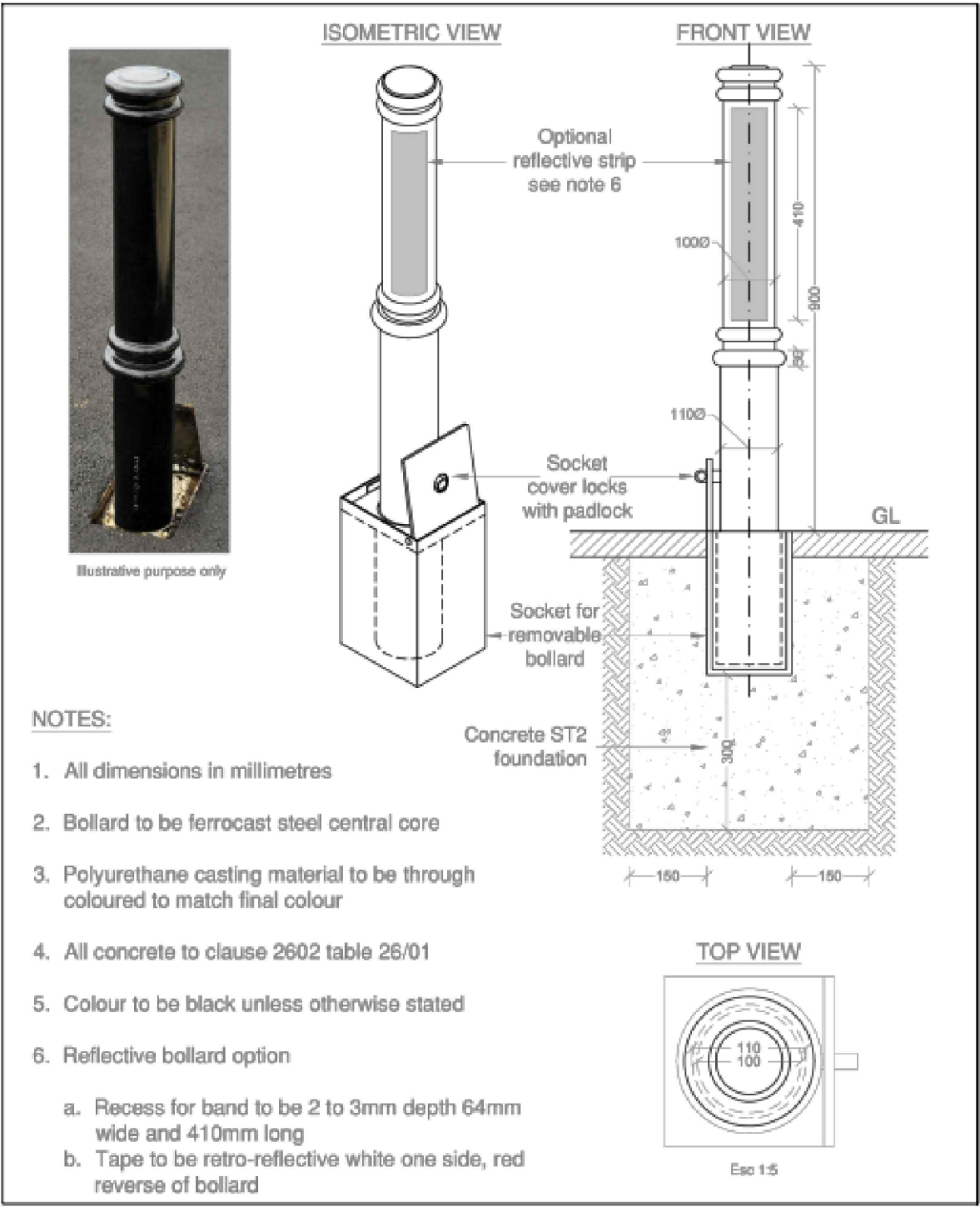
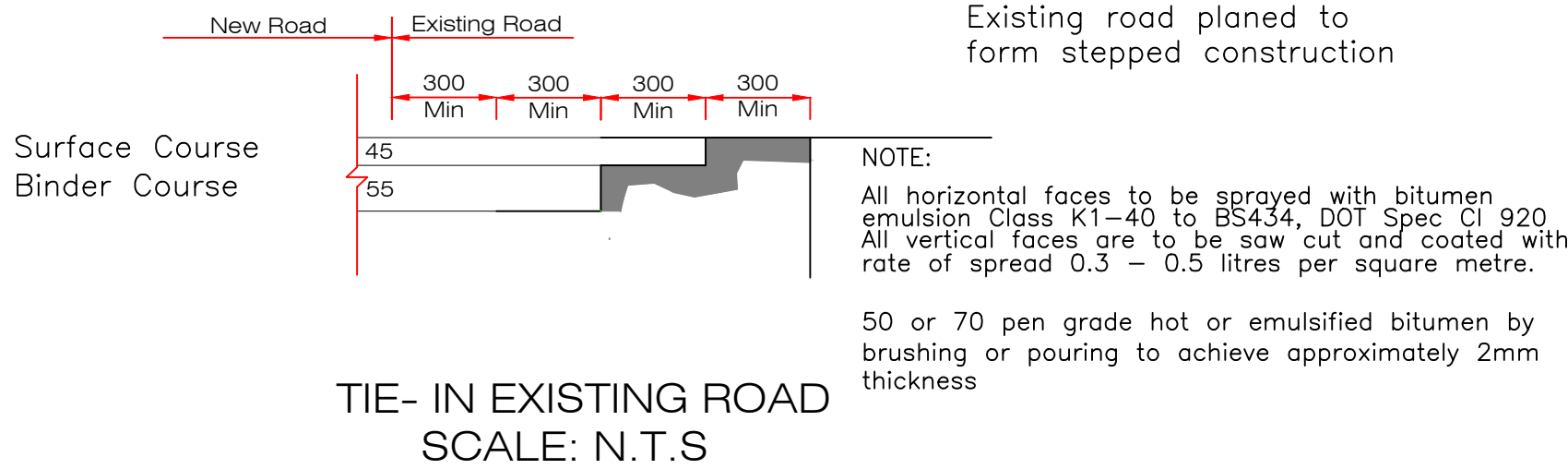
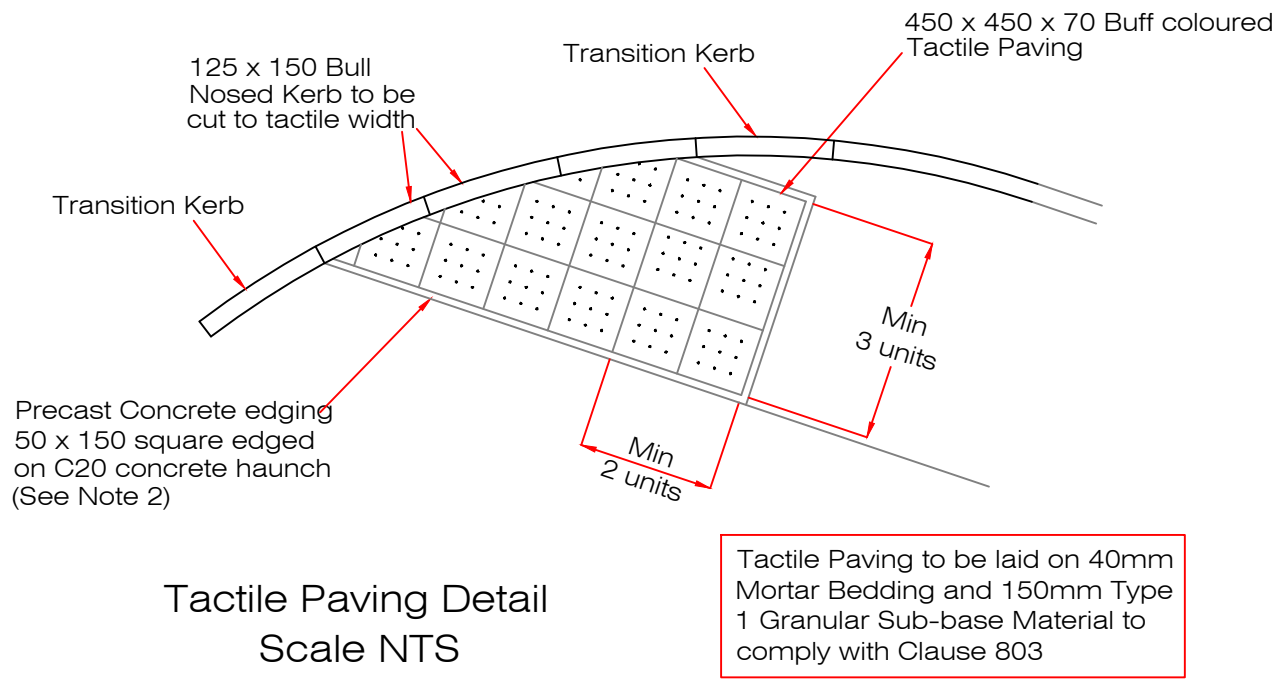
Unbound Material Construction Depths based on CBR% Values				
CBR Value Mpa/%	Sub base on Capping		Total Thickness mm	Sub base only
	Capping Layer 6F2/6F5 (Cls 613) mm	Unbound Sub base Type 1 (Cls 803) mm		
30/2.5	420	250	670	420
35/3	380	230	610	360
40/4	340	220	560	330
50/5	250	200	450	270
55/6	240	180	420	260
60/7	230	170	400	250
65/8	220	160	380	240
70/9	210	150	360	230
75/10	200	150	350	220
80/11	190	150	340	220
85/12	180	150	330	220
90/13	170	150	320	210
95/14	160	150	310	210
100/15	150	150	300	200
-/15+	150	150	300	200

CBR % Values of less than 2.5% the Developer needs to propose remedial actions

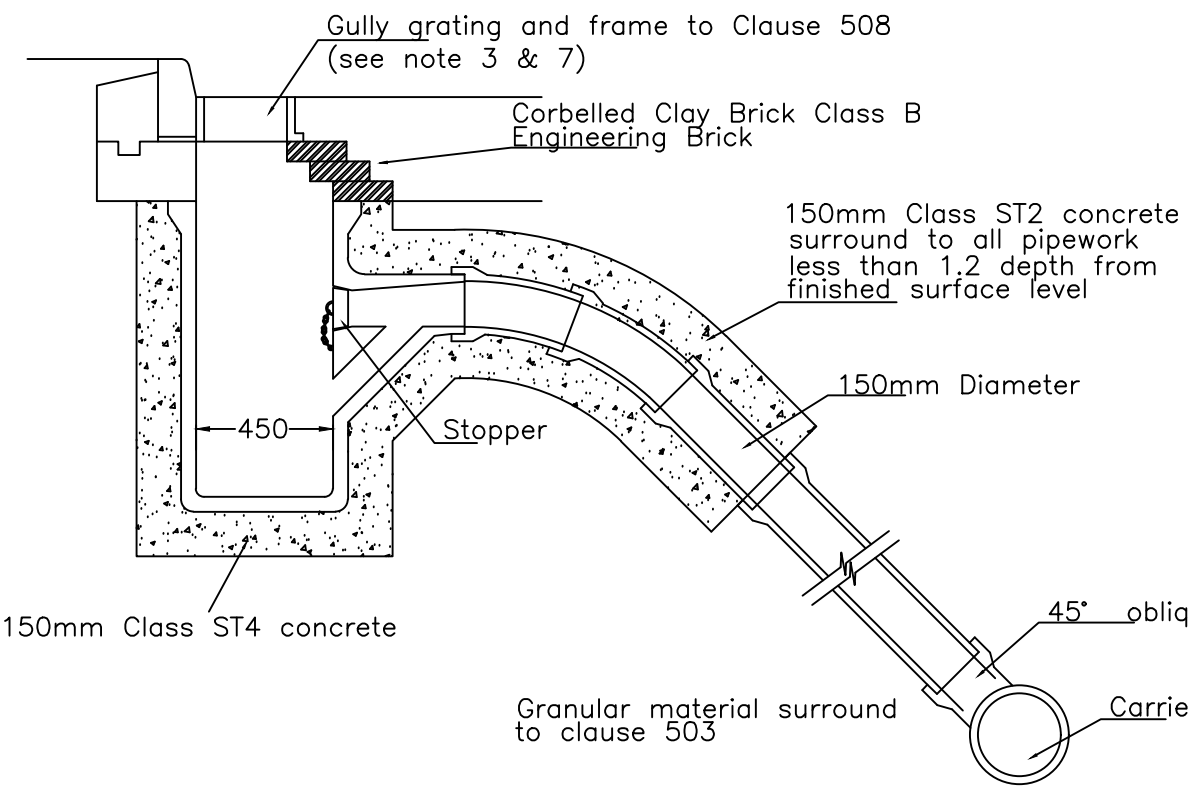
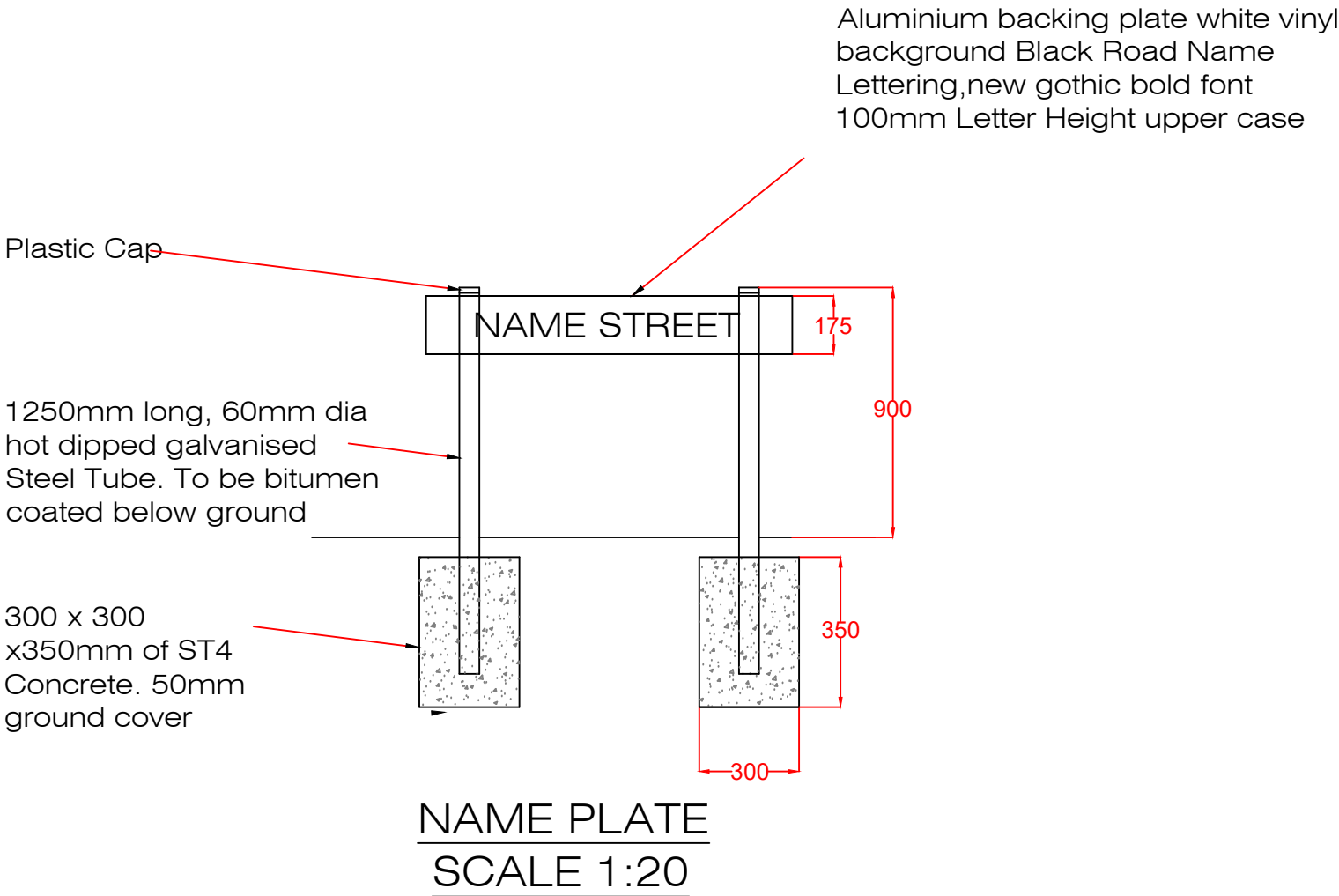
Minimum depth of Carriageway construction should be 450mm for frost protection

DMRB CD 225 2020 Figure 3.20

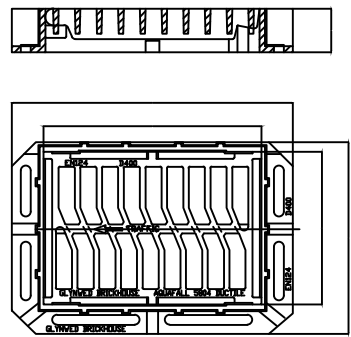
DMRB CD 225 2020 Figure 3.18



Removable Morpeth Bollard Detail



Carriageway Gully Pot with Two Grates Scale NTS



List No	Over Grating A x B (mm)	Over Base C x D (mm)	Depth E (mm)	Nominal Width (mm)	Waterway (cu. cm)	Loading
5804	500 x 350	645 x 440	100	325	1080	EN124 D400

Gully Grating Detail Scale NTS

- NOTES**
- Gully pot to be 90 litres capacity minimum as Clause 109b (1)
 - Maximum trench width for 150mm gully lead is 600mm.
 - Clause numbers refer to specification.
 - Concrete to be C10P to Clause 103.
 - Number of bends may vary due to site differences – see drainage schedule.
 - Concrete surround to pipes shall always finish at a joint.
 - Gully pot connected as Standard Drainage Detail SD4.

NOTES

- All dimensions are in millimetres unless otherwise shown. All highway works shall be carried out in accordance with
- Manchester City Council Standard Details for Adoptable Highway and Associated Drainage Works together with the Material and Workmanship Specification for Adoptable Highway and Associated Drainage Works by Private Developers. Clause numbers relate to Manual of Contract Documents for Highway works amended as appropriate
- CBR's to be carried out at 10m centers
Formation Min. 2.5%
Top of capping 15%
Top of sub base 30%
- Nuclear density test carried out at 10m centers on surface course. result should exceed 93%

B	22/10/24	NE	Sub/base table amended.
A	26/03/24	KF	Revised to suit Clients comments
Rev	Date	Initials	Details
Drawing Revisions			
North Point	Project	Client	Quality Ass.
Mount Road Gorton	Kellen Homes		
UKAS 005 Quality Assurance ISO 9001 SGS Certificate GB02/54539	Title	Typical Highway Details Sheet 3	
Original Size	Copyright, Acknowledgment	Drawn	Checked By
A1	Ordinance Survey Ltd ©Crown Copyright. All rights reserved. Licence No. AL100017966.	SAP	SP
	Date	March 24	Scale
			As shown
Drawing No.	Revision		
30571/4/3	B		